

Figure 1. Typical client/server processes with their associated memory resource usage.

Pou9 20000105 US1
217

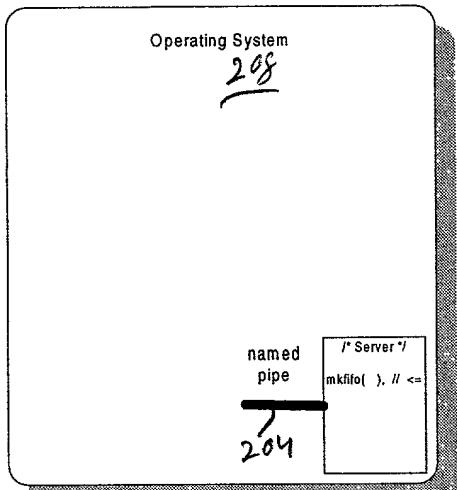


FIG. 2A

Step 1. A server process creates a FIFO special file (A.K.A. named pipe)

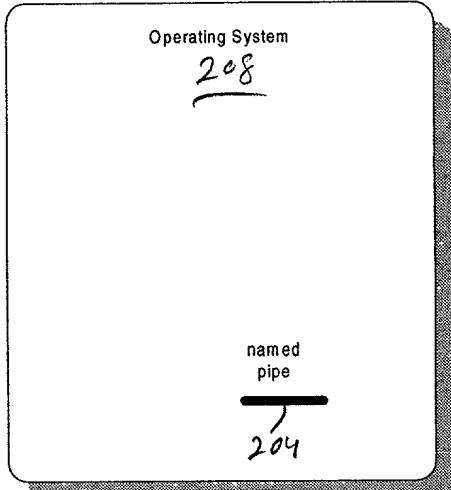


FIG. 2B

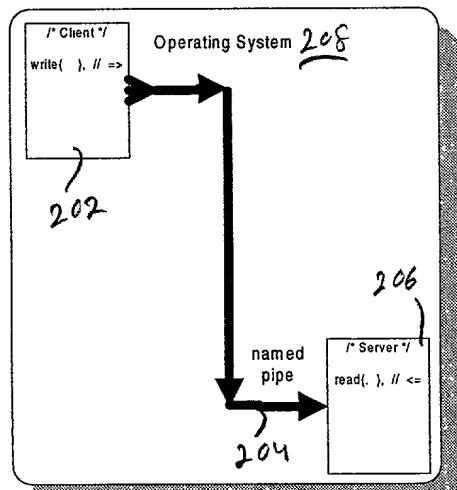


FIG. 2C

Step 3. A client process writes to the FIFO special file, then the operating creates a new server process.

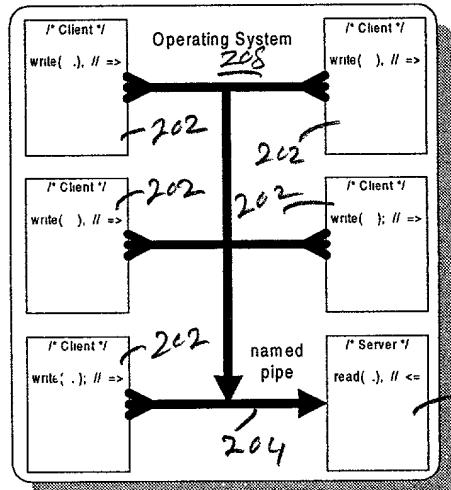


FIG. 2D

Step 4. Additional client processes write to the same FIFO special file. The server process continues to read.

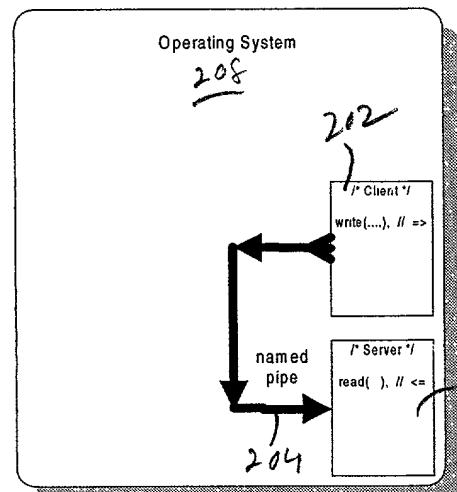


FIG. 2E

Step 5. Most of the server processes exit.

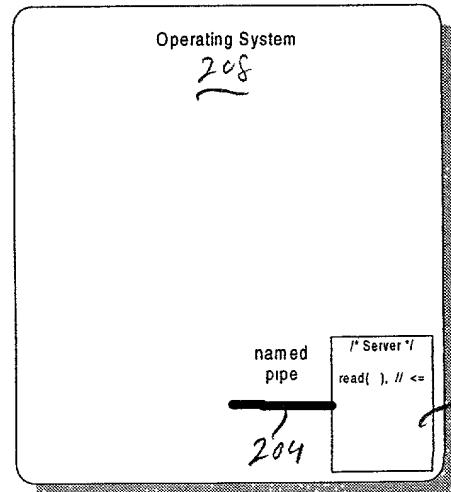


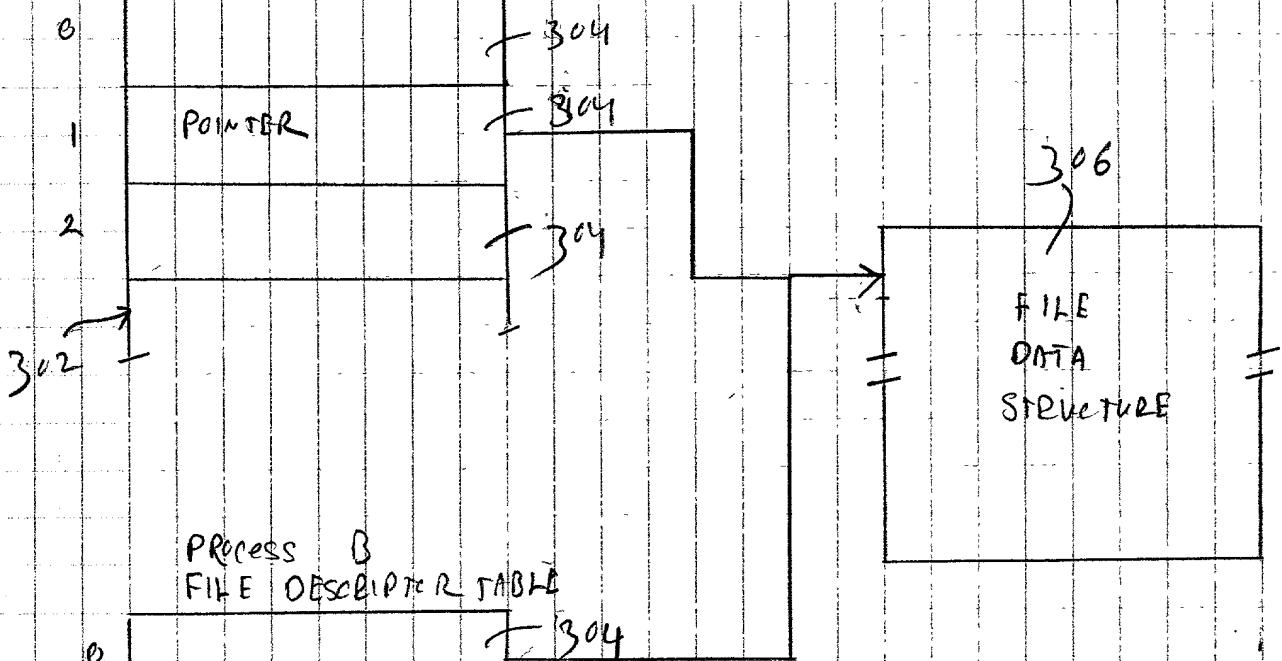
FIG. 2F

Step 6. After the last client exits and no more data is available to be read, the cycle begins again (back to step 2).

Poua2000005USI

317

PROCESS A
FILE DESCRIPTOR TABLE



Process B
FILE DESCRIPTOR TABLE

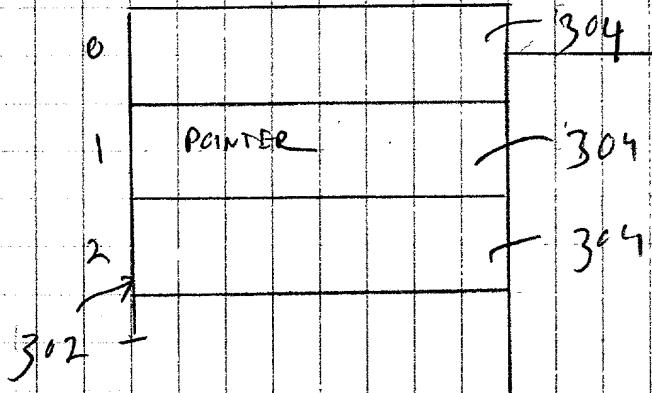


Fig. 3

P09A20000105USI

4/7

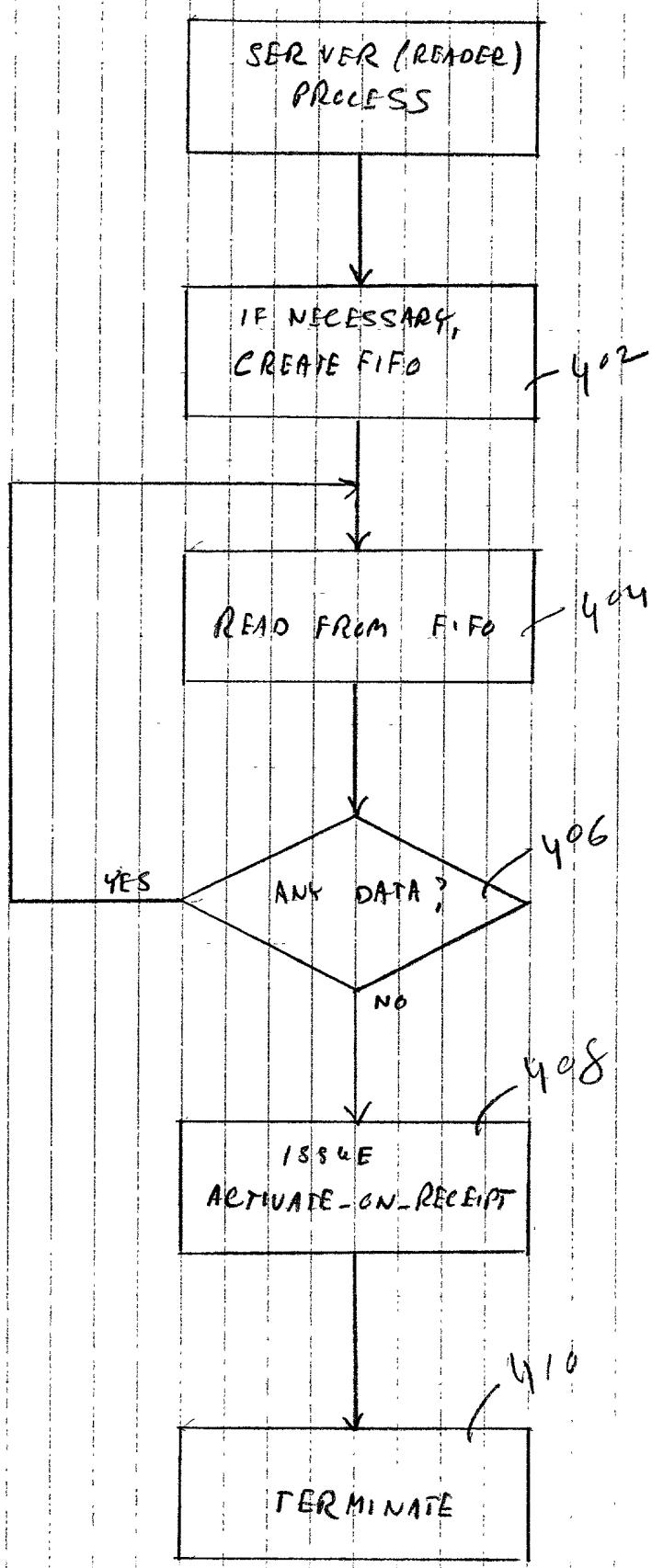
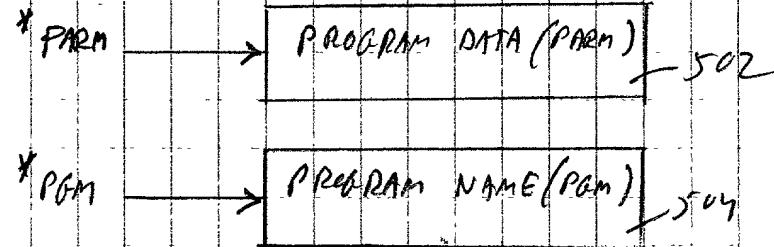


FIG. 4

Pou920000105US1

517



F10-5

PONG 2000 0105USI
6/7

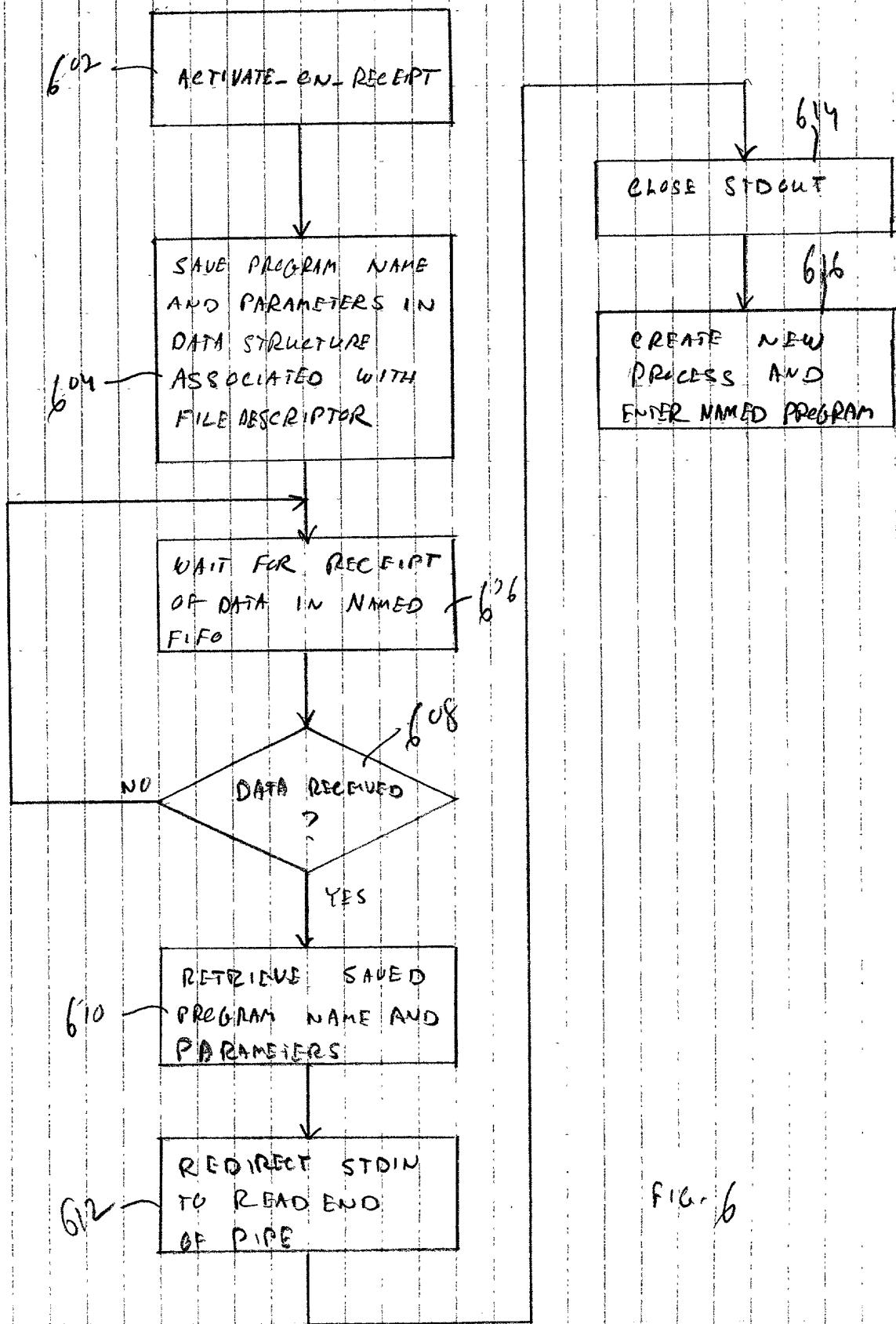


FIG-6

POUG 20000105USI

7/7

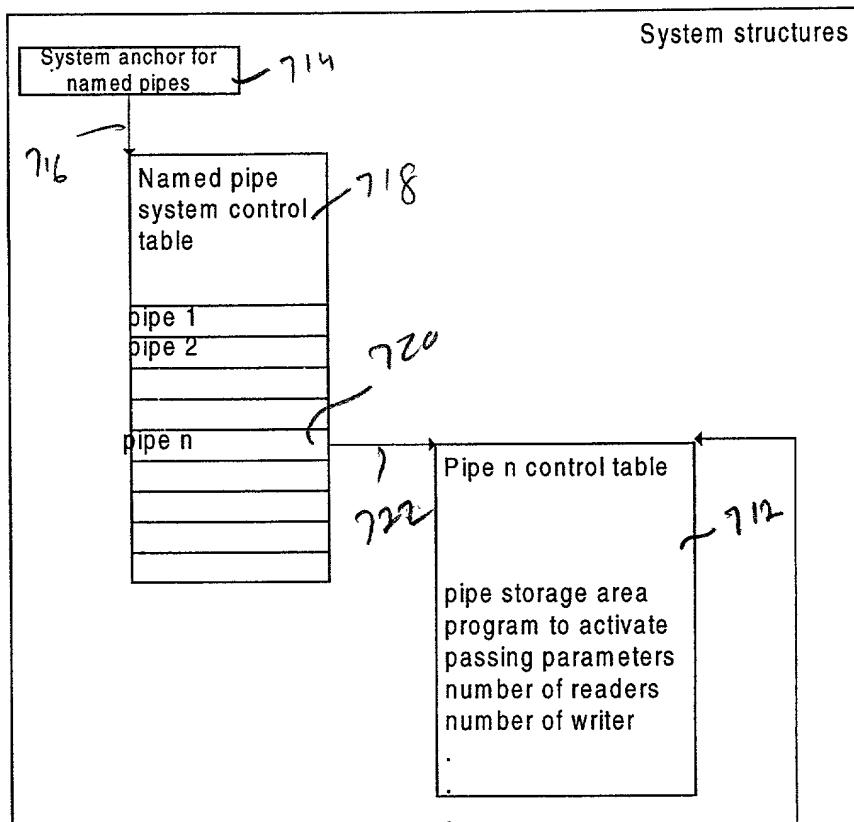


FIG. 7

